

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041123\
 Data File : VY013251.D
 Acq On : 11 Apr 2023 18:33
 Operator : KP/MD
 Sample : 02270-01
 Misc : 4.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-17-0-2-20230410

Quant Time: Apr 12 01:37:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041123S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 11 11:59:49 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

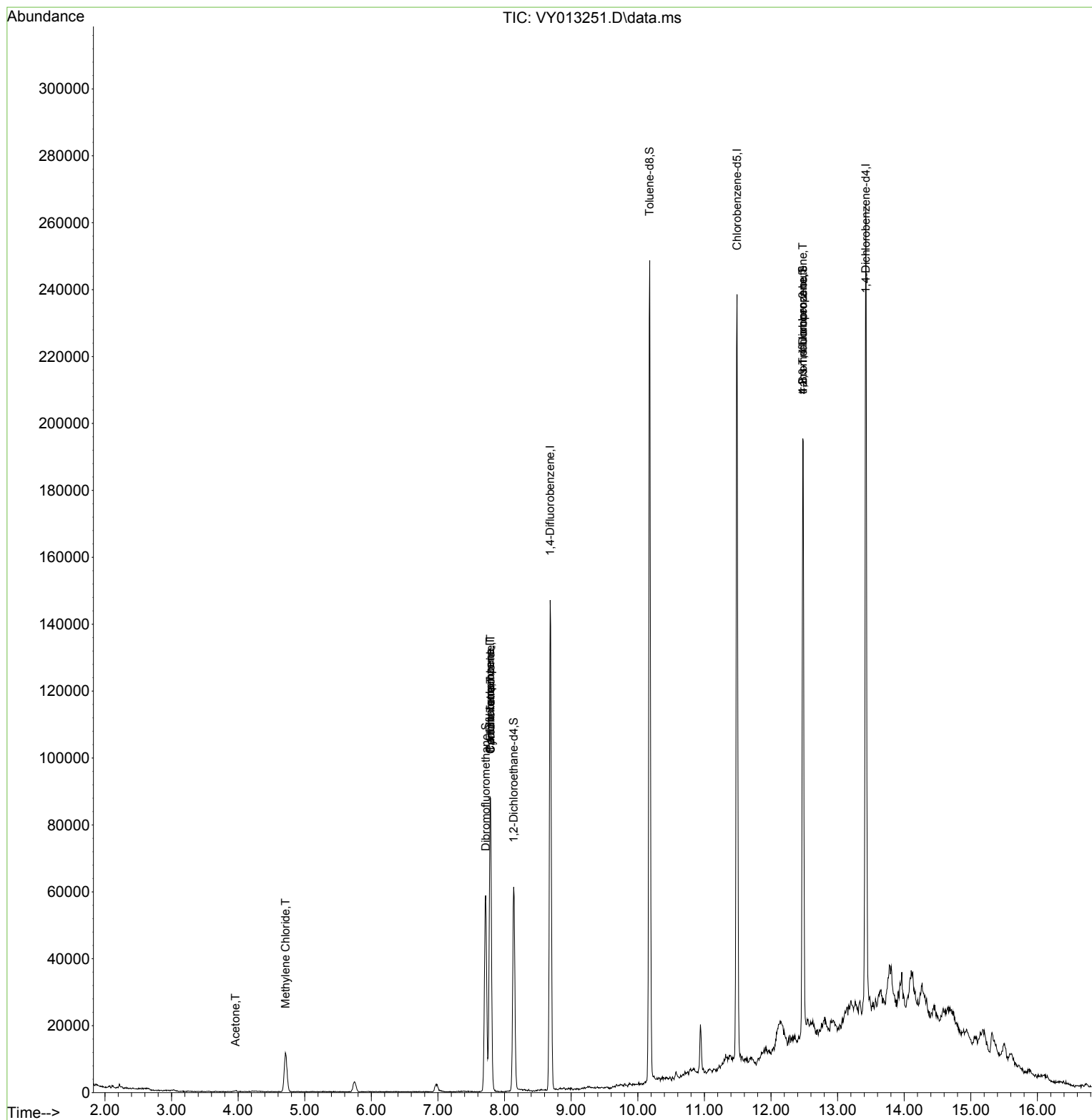
Internal Standards						
1) Pentafluorobenzene	7.783	168	67032	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	118304	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	117003	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	56884	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	48552	64.409	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.820%	
35) Dibromofluoromethane	7.716	113	40674	57.517	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.040%	
50) Toluene-d8	10.179	98	153373	61.947	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 123.900%	
62) 4-Bromofluorobenzene	12.477	95	53659	60.692	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 121.380%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	432	Below Cal	#	80
16) Acetone	3.960	43	672	2.191	ug/l	96
20) Methylene Chloride	4.710	84	7943	2.394	ug/l	94
31) Cyclohexane	7.789	56	1726	1.801	ug/l #	34
36) 1,1-Dichloropropene	7.783	75	5228	5.376	ug/l #	50
38) Carbon Tetrachloride	7.789	117	6857	6.055	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	28609	41.320	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	28609	85.212	ug/l #	13

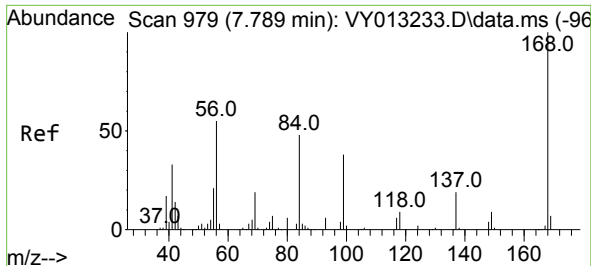
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-17-0-2-20230410

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041123S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 11 11:59:49 2023
Response via : Initial Calibration

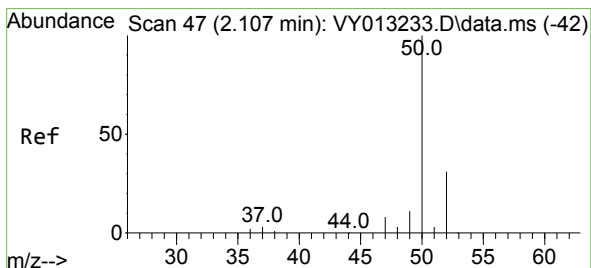
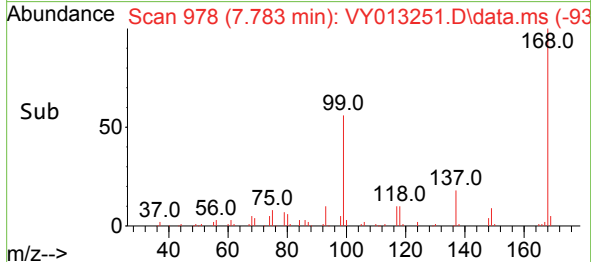
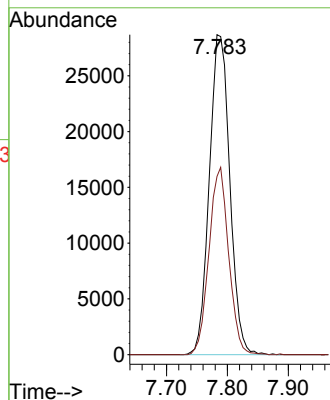
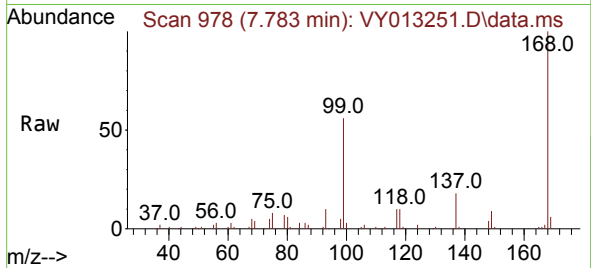




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013251.D
Acq: 11 Apr 2023 18:33

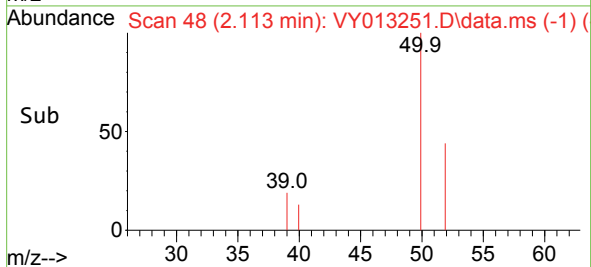
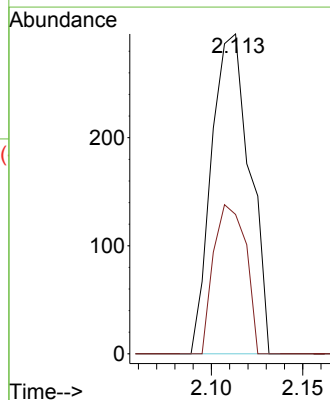
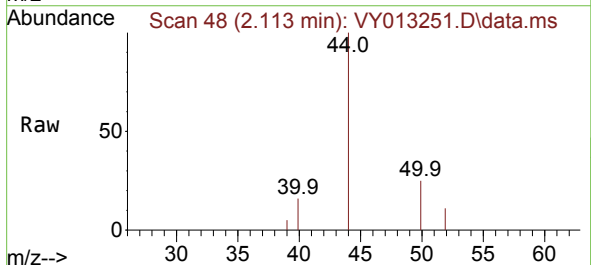
Instrument :
MSVOA_Y
ClientSampleId :
SB-17-0-2-20230410

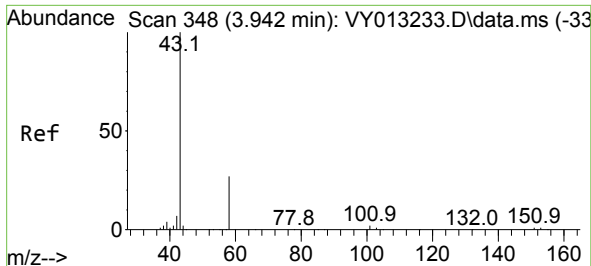
Tgt Ion:168 Resp: 67032
Ion Ratio Lower Upper
168 100
99 55.7 41.7 62.5



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.006 min
Lab File: VY013251.D
Acq: 11 Apr 2023 18:33

Tgt Ion: 50 Resp: 432
Ion Ratio Lower Upper
50 100
52 43.6 26.0 39.0#

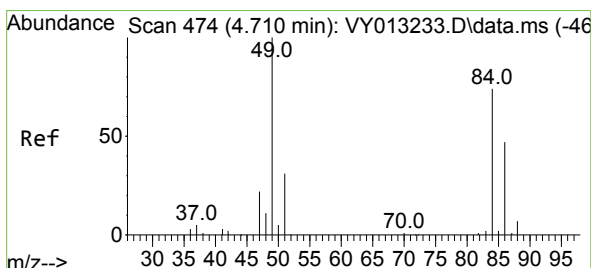
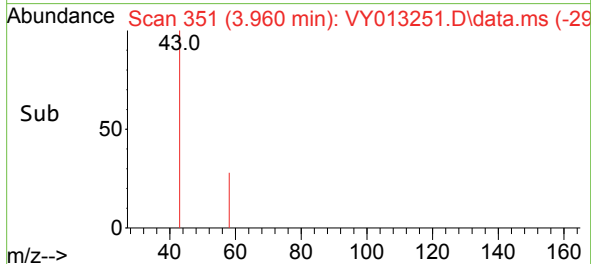
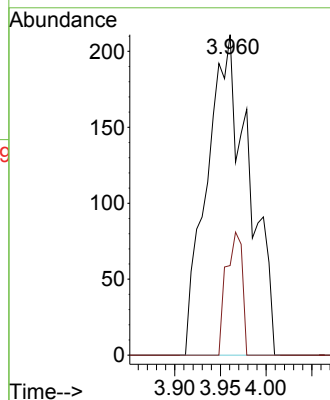
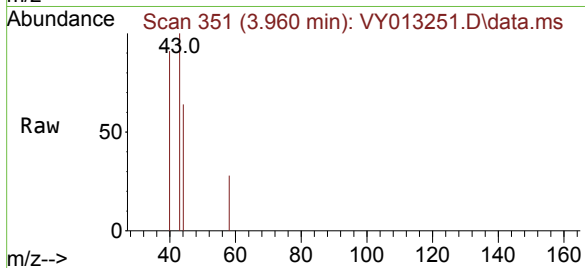




#16
Acetone
Concen: 2.191 ug/l
RT: 3.960 min Scan# 31
Delta R.T. 0.018 min
Lab File: VY013251.D
Acq: 11 Apr 2023 18:33

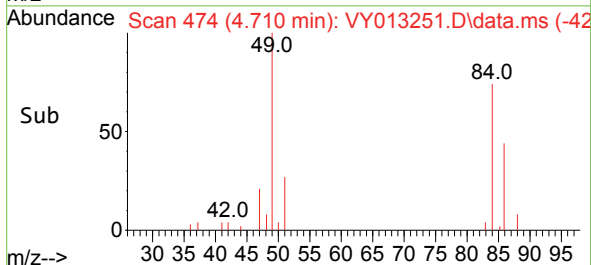
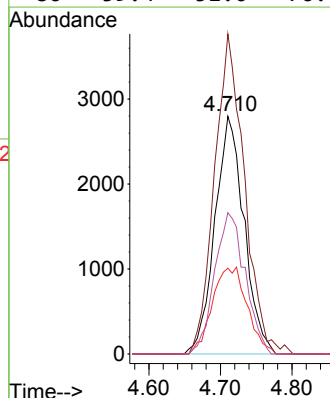
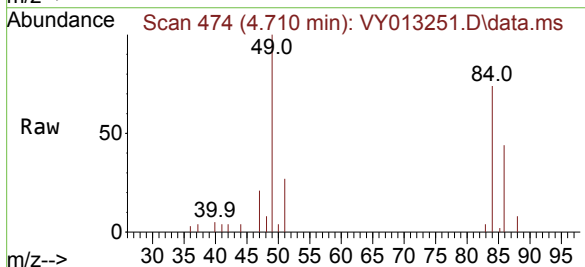
Instrument :
MSVOA_Y
ClientSampleId :
SB-17-0-2-20230410

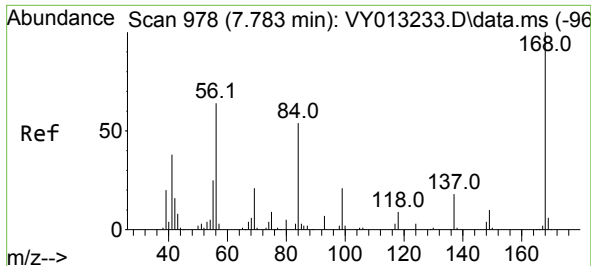
Tgt Ion: 43 Resp: 672
Ion Ratio Lower Upper
43 100
58 28.0 24.2 36.2



#20
Methylene Chloride
Concen: 2.394 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY013251.D
Acq: 11 Apr 2023 18:33

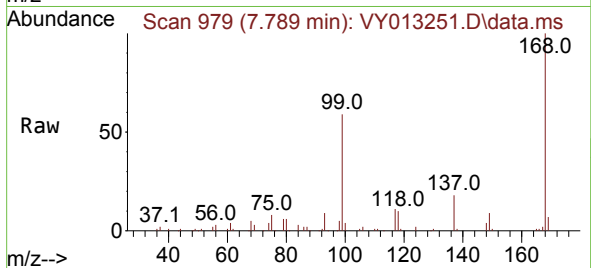
Tgt Ion: 84 Resp: 7943
Ion Ratio Lower Upper
84 100
49 134.6 102.6 154.0
51 36.1 31.9 47.9
86 59.4 51.0 76.6



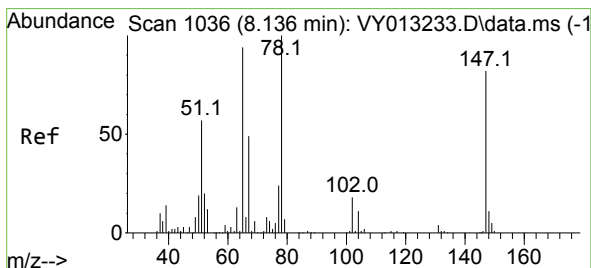
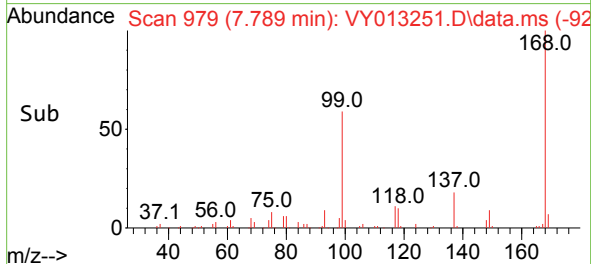
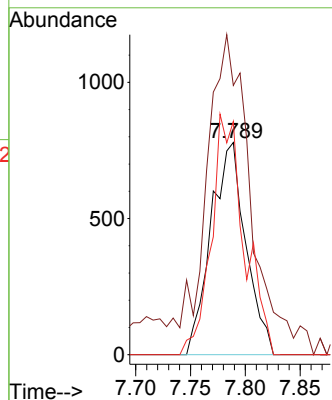


#31
Cyclohexane
Concen: 1.801 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013251.D
Acq: 11 Apr 2023 18:33

Instrument :
MSVOA_Y
ClientSampleId :
SB-17-0-2-20230410

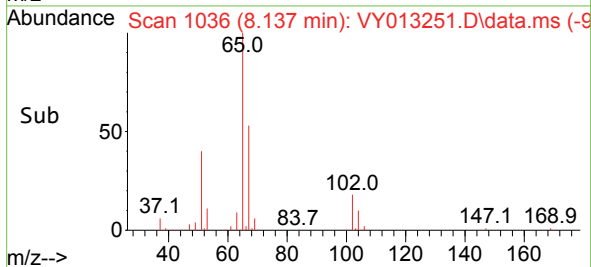
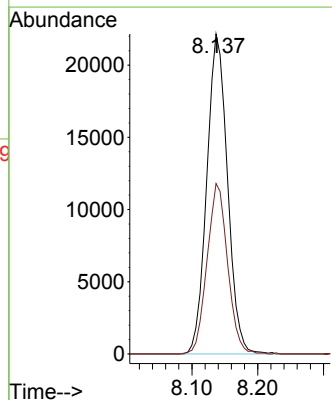
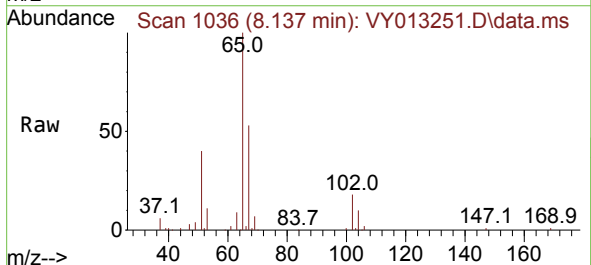


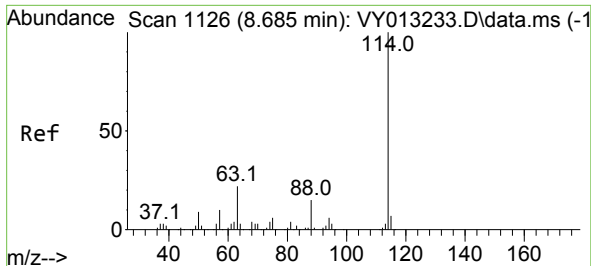
Tgt Ion: 56 Resp: 1726
Ion Ratio Lower Upper
56 100
69 114.2 25.7 38.5#
84 109.9 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 64.409 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY013251.D
Acq: 11 Apr 2023 18:33

Tgt Ion: 65 Resp: 48552
Ion Ratio Lower Upper
65 100
67 52.8 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY013251.D

Acq: 11 Apr 2023 18:33

Instrument :

MSVOA_Y

ClientSampleId :

SB-17-0-2-20230410

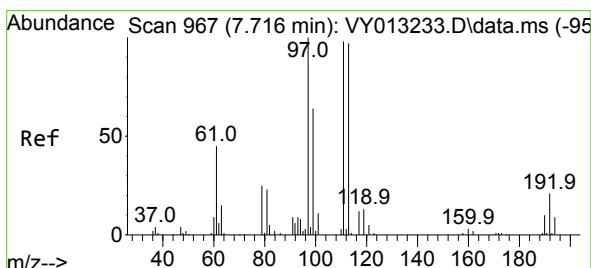
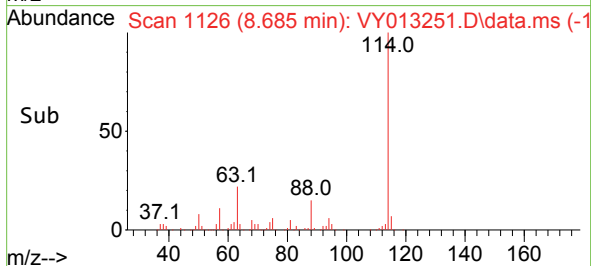
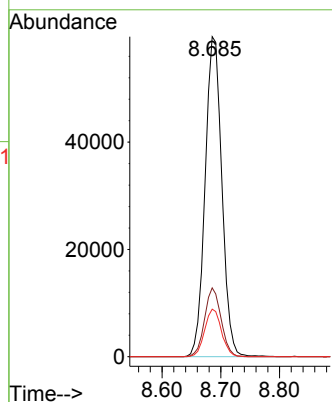
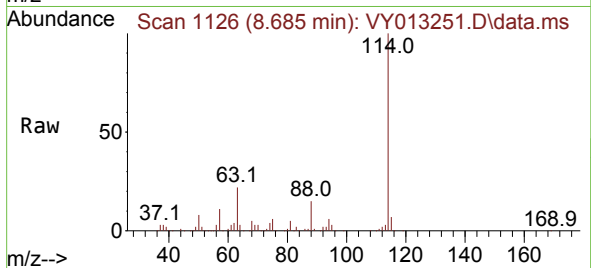
Tgt Ion:114 Resp: 118304

Ion Ratio Lower Upper

114 100

63 21.5 0.0 37.4

88 14.9 0.0 28.6



#35

Dibromofluoromethane

Concen: 57.517 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013251.D

Acq: 11 Apr 2023 18:33

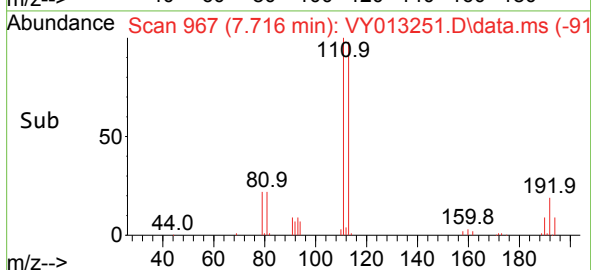
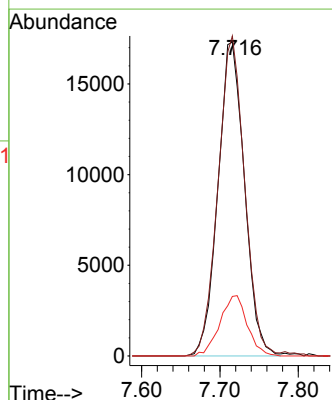
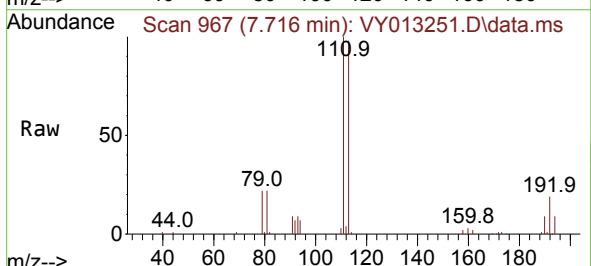
Tgt Ion:113 Resp: 40674

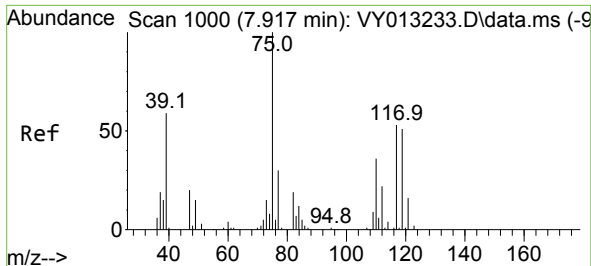
Ion Ratio Lower Upper

113 100

111 101.8 82.2 123.2

192 19.9 16.8 25.2





#36

1,1-Dichloropropene

Concen: 5.376 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY013251.D

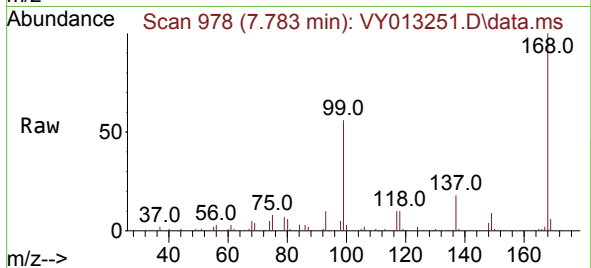
Acq: 11 Apr 2023 18:33

Instrument :

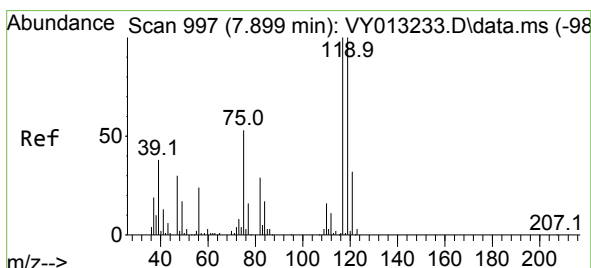
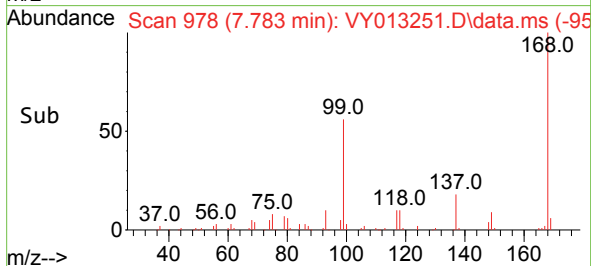
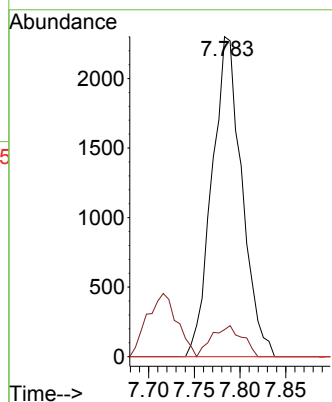
MSVOA_Y

ClientSampleId :

SB-17-0-2-20230410



Tgt Ion:	75	Resp:	5228
Ion	Ratio	Lower	Upper
75	100		
110	9.9	17.8	53.3#
77	0.0	25.0	37.4#



#38

Carbon Tetrachloride

Concen: 6.055 ug/l

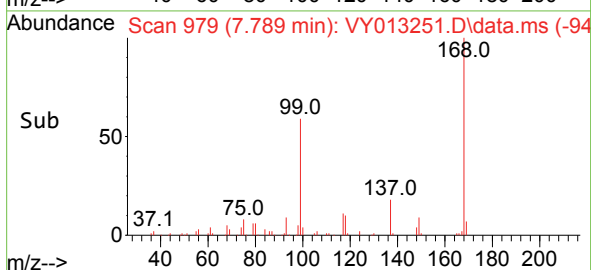
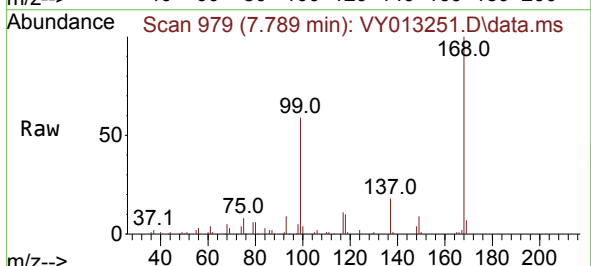
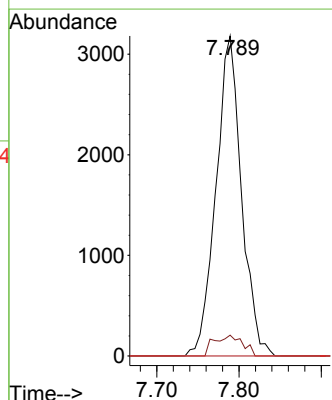
RT: 7.789 min Scan# 979

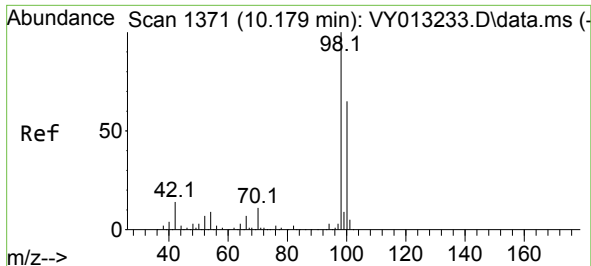
Delta R.T. -0.110 min

Lab File: VY013251.D

Acq: 11 Apr 2023 18:33

Tgt Ion:	117	Resp:	6857
Ion	Ratio	Lower	Upper
117	100		
119	6.5	77.2	115.8#
121	0.0	24.7	37.1#

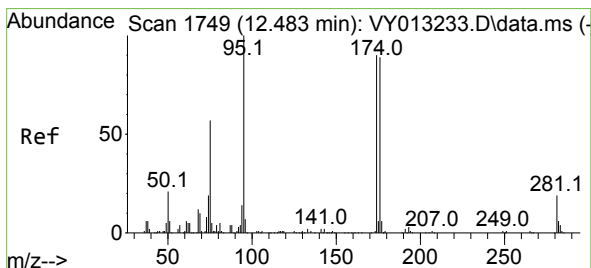
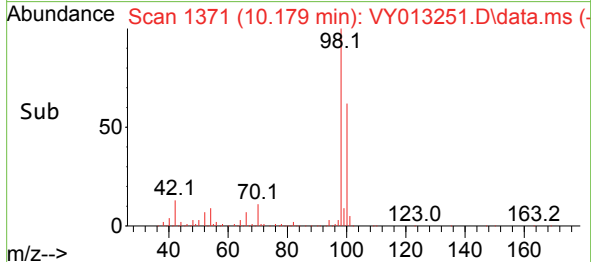
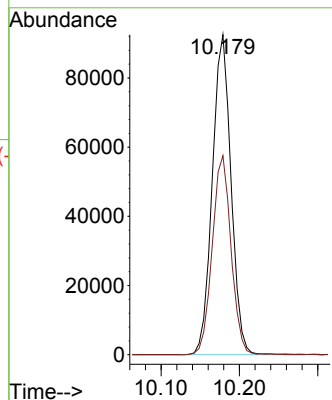
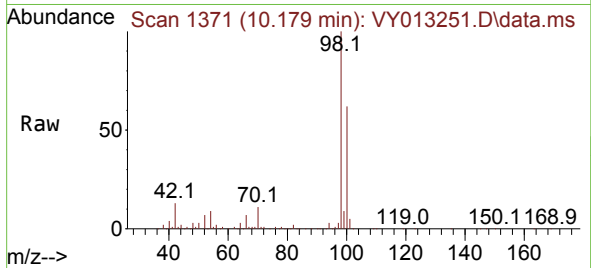




#50
Toluene-d8
Concen: 61.947 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013251.D
Acq: 11 Apr 2023 18:33

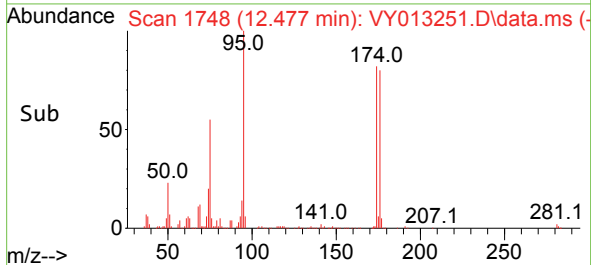
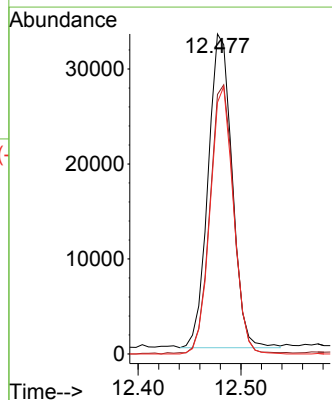
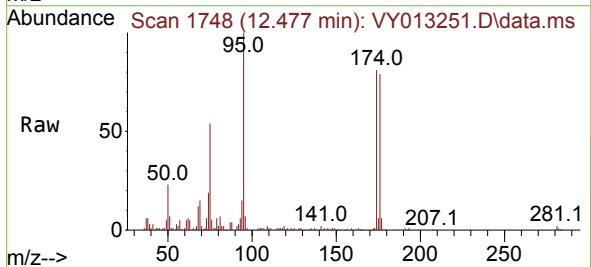
Instrument :
MSVOA_Y
ClientSampleId :
SB-17-0-2-20230410

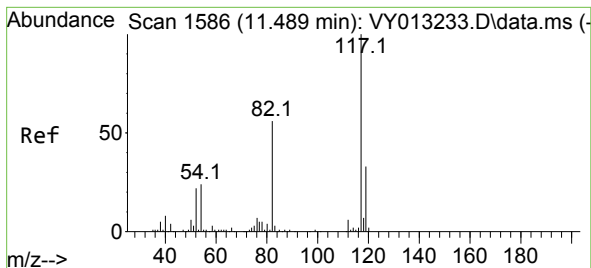
Tgt Ion: 98 Resp: 153373
Ion Ratio Lower Upper
98 100
100 62.5 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 60.692 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013251.D
Acq: 11 Apr 2023 18:33

Tgt Ion: 95 Resp: 53659
Ion Ratio Lower Upper
95 100
174 85.5 0.0 176.6
176 82.8 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 117003

Delta R.T. 0.001 min

Lab File: VY013251.D

Acq: 11 Apr 2023 18:33

Instrument :

MSVOA_Y

ClientSampleId :

SB-17-0-2-20230410

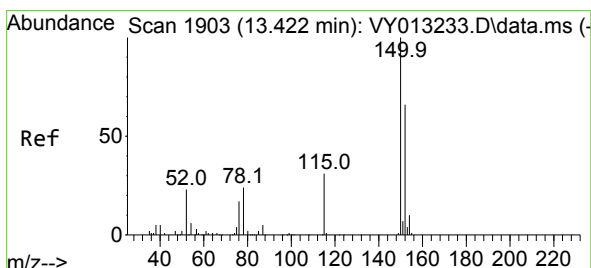
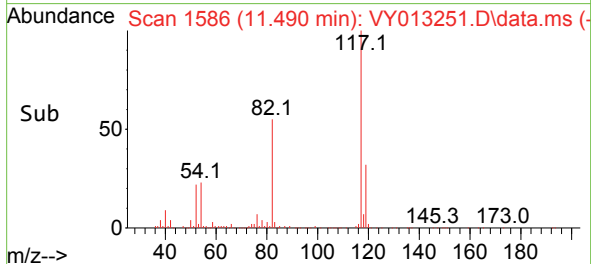
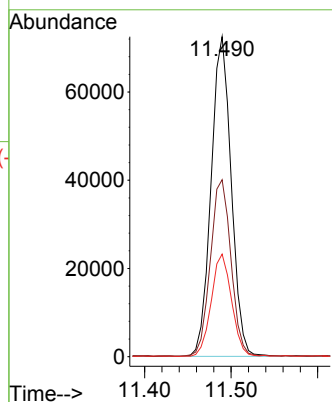
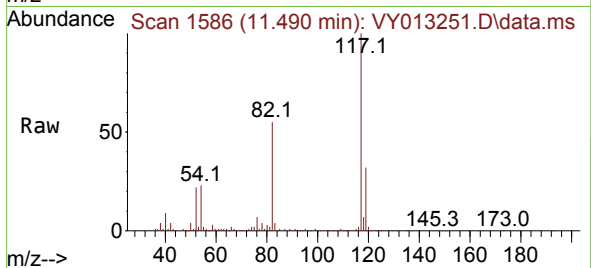
Tgt Ion:117 Resp: 117003

Ion Ratio Lower Upper

117 100

82 55.2 45.4 68.0

119 31.9 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY013251.D

Acq: 11 Apr 2023 18:33

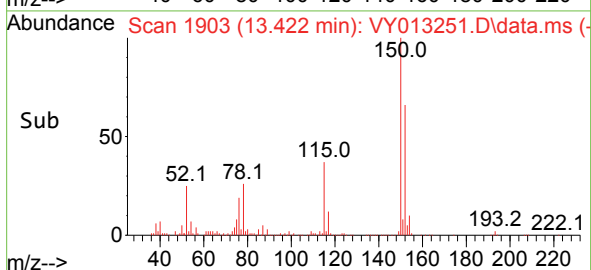
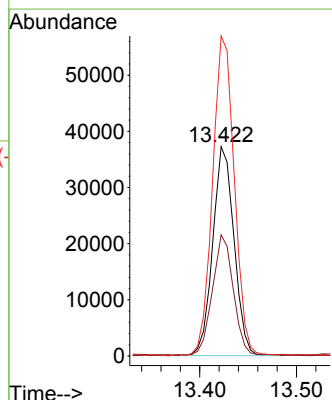
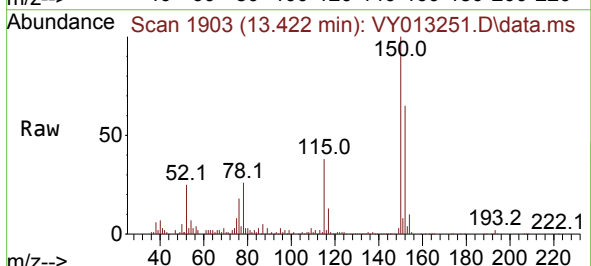
Tgt Ion:152 Resp: 56884

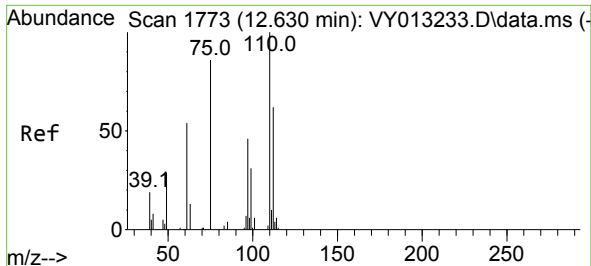
Ion Ratio Lower Upper

152 100

115 56.4 27.1 81.3

150 157.7 0.0 347.8

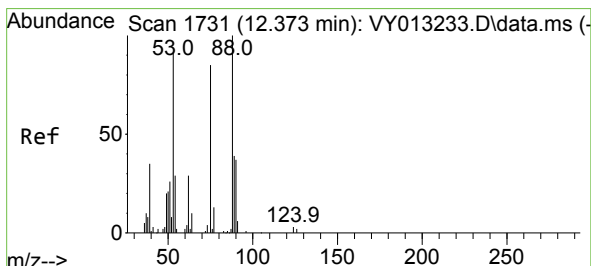
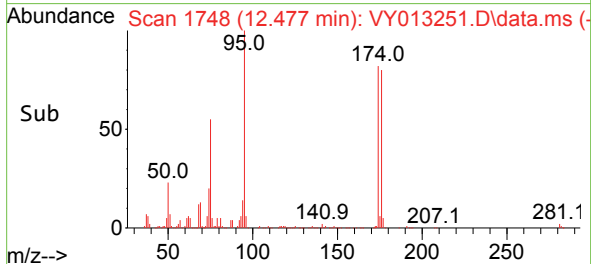
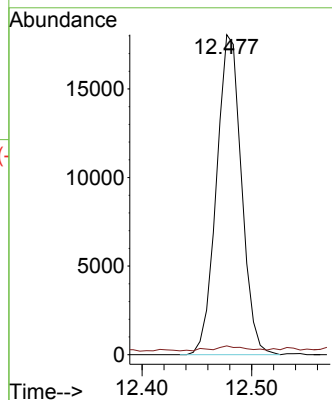
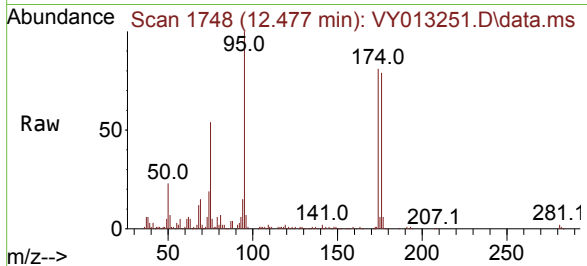




#76
1,2,3-Trichloropropane
Concen: 41.320 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY013251.D
Acq: 11 Apr 2023 18:33

Instrument :
MSVOA_Y
ClientSampleId :
SB-17-0-2-20230410

Tgt Ion: 75 Resp: 28609
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.212 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY013251.D
Acq: 11 Apr 2023 18:33

Tgt Ion: 75 Resp: 28609
Ion Ratio Lower Upper
75 100
53 0.5 73.4 110.0#
89 0.0 36.6 55.0#

